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ITINERARY
ANNUAL INSPECTION TRIP
OF THE
COLLEGE OF ENGINEERING
UNIVERSITY OF ILLINOIS



URBANA, ILLINOIS
NOVEMBER, 1919

ITINERARY
ANNUAL INSPECTION TRIP
OF THE
COLLEGE OF ENGINEERING
UNIVERSITY OF ILLINOIS

THE LIBRARY OF THE
JAN - 1963
UNIVERSITY OF ILLINOIS

ANNUAL INSPECTION TRIP

COLLEGE OF ENGINEERING

UNIVERSITY OF ILLINOIS

GENERAL DIRECTIONS

Be Prompt

ALL MEMBERS of the party are required to report promptly at the appointed time and place. Instructors will call the roll at each place visited and any student absent from roll call will not be permitted to join the party until the time for the next event on the itinerary. Absence from roll call is sufficient justification for the dismissal of the student from the party, and for reporting him to the proper authorities at the University.

Hotel arrangements for the party will be made in advance. Upon the written request of their parents or guardians, students may be permitted to make other arrangements for lodging, when such request seems reasonable to the instructor in charge. Report of all such changes in lodging will be made by the instructors in charge at the close of the trip.

Be Courteous

Permission to visit the several places listed in the itinerary is a courtesy extended to the University which involves some expense and trouble to the management of these companies. Members of the party should be appreciative of this fact and conduct themselves properly as representatives of the University. It is particularly desirable that everyone refrain from smoking within the confines of the plants visited and that all observe fully posted regulations.

Any student who fails to conduct himself properly during an inspection trip will be reported to the University Committee on Discipline.

Since the University can have no proper control over others than those in regular attendance during these trips, friends of students will not be allowed to accompany the party except by permission previously obtained from the instructor in charge. This privilege will be extended only in rare instances and when the reasons for the request seem fully sufficient.

Be Careful

While members of the faculty who are in immediate charge of these trips will make every effort to provide for the comfort and safety of the students in the party, there is of course some slight element of personal danger on railway trains, street cars, and in plants visited. Neither the owners of the plants visited, the University, nor members of the faculty can assume any responsibility for accidents which may occur to students during the trip. Proper care and deportment at all times will greatly reduce the possibility of accidents.

Be Observing

Inspection trips are required because it is believed that the educational advantages resulting from the inspection of large industrial enterprises fully justifies the time and expense involved. To realize this ideal, however, students must use every endeavor to secure a correct impression of the places visited, an appreciation of the general nature of the plant inspected, and of its product, rather than of minor details.

Each student will be required to submit an acceptable report of the trip to the head of his

department, or to pass an examination to determine the extent and accuracy of the information secured, on or before December 1, 1919.

Railroad and Hotel Service

Regular train leaves Champaign for Chicago at 3:10 a. m., Monday, November 17 from the I. C. station. No special railroad rates have been granted.

The *Chicago* headquarters during the trip will be at the *Fort Dearborn Hotel*, corner of Van Buren and La Salle streets. Special rates have been made as follows:

Room without bath, two persons to the room, \$3.50 per room. Room with bath, two persons to the room, \$4.00 per room.

The *Milwaukee* headquarters will be at the *Hotel Miller*, 3d Avenue near Grand. The rates will be \$1.00 to \$3.00 per day per person.

Trains returning to Champaign leave 12th Street Station at 4:50 p. m., 6:15 p. m., and 8:15 p. m. Wednesday.

ARCHITECTURE

Monday, November 17

- 8:00 a. m. Assemble at the FORT DEARBORN HOTEL for instructions.
- 8:30 a. m. Arrive at the FIELD MUSEUM OF NATURAL HISTORY, near Illinois Central Station at 12th street.
- 10:30 a. m. Arrive at the new BUTLER BROTHERS' BUILDING, Canal and Washington Streets.
- 1.00 p. m. Assemble inside the main entrance of the CONWAY BUILDING, 111 West Washington Street.
- 2:00 p. m. Arrive at the plant of the NORTHWESTERN TERRA COTTA COMPANY, 2525 Clybourn Avenue.

Tuesday, November 18

- 8:00 a. m. Assemble at the FORT DEARBORN HOTEL for instructions.
- 8:15 a. m. Arrive at the site of the new JOHN CRERAR LIBRARY, Northwest corner Michigan Boulevard and Randolph street.
- 10:30 a. m. Arrive at THE CHICAGO & NORTHWESTERN TERMINAL BUILDING, Canal and Madison Streets. Assemble in the main vestibule at street level.
- 1:00 p. m. Assemble at the north entrance of the CITY BUILDING.
- 1:30 p. m. Arrive at the site of the new DRAKE HOTEL, Lake Shore Drive and Walton Place.
- 3:00 p. m. Arrive at the UNDERWRITERS LABORATORIES, 207 East Ohio Street.

Wednesday, November 19

- 8:00 a. m. Assemble at the FORT DEARBORN HOTEL for instructions.
- 8:30 a. m. Arrive at THE NATIONAL X-RAY REFLECTOR COMPANY, 235 West West Jackson Boulevard.
- 10:30 a. m. Arrive at the plant of the WOLFF MANUFACTURING COMPANY, 244 North Hoyne Avenue.
- 12:00 m. Lunch by invitation of WOLFF MANUFACTURING COMPANY.
- 1:30 p. m. Assemble at the BUILDING MATERIAL EXHIBIT, second floor, Insurance Exchange Building.

ARCHITECTURAL ENGINEERING

Monday, November 17

- 8:00 a. m. Assemble at the FORT DEARBORN HOTEL for instructions.
- 8:30 a. m. Arrive at the site of the new UNION STATION, Clinton Street between Adams and Madison Streets.
- 10:30 a. m. Arrive at the new BUTLER BROTHERS' BUILDING, Canal and Washington Streets.
- 1:00 p. m. Assemble inside the main entrance of the CONWAY BUILDING, 111 West Washington Street.
- 2:00 p. m. Arrive at the plant of the NORTHWESTERN TERRA COTTA COMPANY, 2525 Clybourn Avenue.

Tuesday, November 18

- 8:00 a. m. Assemble at the FORT DEARBORN HOTEL for instructions.
- 8:15 a. m. Arrive at the site of the new JOHN CRERAR LIBRARY, Northwest corner Michigan Boulevard and Randolph Street.
- 10:30 a. m. Arrive at the site of the new BLACKHAWK HOTEL, 177-183 West Madison Street.
- 1:00 p. m. Assemble at the North entrance to the CITY BUILDING.
- 1:30 p. m. Arrive at the site of the new DRAKE HOTEL, Lake Shore Drive and Walton Place.
- 3:00 p. m. Arrive at the UNDERWRITERS LABORATORIES, 207 East Ohio Street.

Wednesday, November 19

- 8:00 a. m. Assemble at the FORT DEARBORN HOTEL
for instructions.
- 9:00 a. m. Arrive at the Lassig Plant of the
AMERICAN BRIDGE COMPANY, 2601 Clybourn
Avenue.
- 1:30 p. m. Assemble at the BUILDING MATERIAL
EXHIBIT, second floor, Insurance Exchange
Building.

CERAMIC ENGINEERING

Monday, November 17

- 7:30 a. m. Assemble at MAJESTIC HOTEL, 11th and Pine Streets, headquarters in St. Louis.
- 8:00 a. m. Arrive at the office and salesrooms of the HYDRALIC PRESS BRICK COMPANY, 7th and Olive Streets.
- 8:45 a. m. Arrive HYDRALIC PRESS BRICK COMPANY'S plants, Manchester Avenue and Kingshighway
- 12:00 Noon. Lunch.
- 1:00 p. m. Walk to ST. LOUIS TERRA COTTA COMPANY, 5801—5815 Manchester Avenue.
- 2:30 p. m. Take car to EVENS AND HOWARD FIRE BRICK COMPANY, Plant No. 3.

Tuesday, November 18

- 7:00 a. m. Assemble at MAJESTIC HOTEL.
- 8:00 a. m. Arrive at PARKER RUSSELL MINING AND MFG. COMPANY, 3300 Morganford Road.
- 10:00 a. m. Arrive at MOUND CITY ROOFING TILE COMPANY, 3301 Morganford Road.
- 11:45 a. m. Lunch.
- 1:00 p. m. Arrive at Christy plant of LACLEDE CHRISTY CLAY PRODUCTS COMPANY, Kingshighway and Devonshire.
- 3:00 p. m. Arrive at LACLEDE CHRISTY CLAY PRODUCTS COMPANY'S plant, Manchester and Sulphur Avenues.

Wednesday, November 19

- 7:00 a. m. Assemble at MAJESTIC HOTEL.
- 8:00 a. m. Arrive at MISSISSIPPI GLASS COMPANY,
4070 North Main Street.
- 10:00 a. m. Arrive at WALSH FIRE CLAY PRODUCTS
COMPANY, Wabash Railroad and Douglas
Street.
- 11:45 a. m. Lunch.
- 12:28 p. m. Take car to Granite City, Illinois.
- 1:02 p. m. Arrive Granite City, proceed to plant of
NATIONAL ENAMELING AND STAMPING COMPANY.
- 3:02 p. m. Take car to Alton, Illinois.
- 3:54 p. m. Arrive at Alton, visit plant of ILLINOIS
GLASS COMPANY.

CIVIL ENGINEERING

Monday, November 17

- 8:00 a. m. Assemble in lobby of FORT DEARBORN HOTEL for roll call and general instructions.
- 9:00 a. m. Arrive at Lassig plant of AMERICAN BRIDGE COMPANY, 2601 Clybourn Avenue.
- 1:30 a. m. Visit BUILDING MATERIAL EXHIBIT, Insurance Exchange Building, Jackson Boulevard, Wells, and Sherman Streets.

Tuesday, November 18

- 8:00 a. m. Assemble in lobby of FORT DEARBORN HOTEL for roll call and general instructions.
- 8:15 a. m. Visit several places of building construction in the Loop.
- 12:30 p. m. Leave LaSalle Street Station on the Rock Island Railroad for Auburn Park, 78th Street to inspect TRACK ELEVATION.

Wednesday, November 19

- 8:00 a. m. Assemble in lobby of FORT DEARBORN HOTEL for roll call and general instructions.
- 8:30 a. m. Take City Launch at South End of State Street Bridge for trip on north branch of Chicago River to inspect MOVABLE BRIDGES.
- 1:30 a. m. Take City Launch at South end of State Street Bridge for trip on south branch of the Chicago River to inspect GARBAGE REDUCTION PLANT and REMOVABLE BRIDGES.

ELECTRICAL ENGINEERING

Monday, November 17

- 5:20 a. m. Leave Champaign by Illinois Central Railroad. (Send grips by express.)
- 8:45 a. m. Arrive Chicago. Walk west on Roosevelt Ave. (12th St.) to Elevated Railway.. Take north bound train, transfer at Adams street to Logan Square train and change at California Ave. to north bound surface car.
- 9:30 a. m. Arrive at NORTHWEST GENERATING STATION of the COMMONWEALTH EDISON Co
- 11:30 a. m. Take south bound surface car and change to Elevated Train transferring to Garfield Park cars for 48th street.
- 12.30 p. m. Arrive at works of the WESTERN ELECTRIC COMPANY, Hawthorne.
- 1:00 p. m. Lunch by invitation of the Company.
- 2:00 p. m. Inspection of works.
- 4:45 p. m. Take elevated cars for Loop.
- 7:00 p. m. Leave Goodrich Pier, foot of Michigan Ave., by steamer for Milwaukee.

Tuesday, November 18

- 6:00 a. m. Arrive Sycamore Street, Milwaukee.
- 7:00 a. m. Breakfast on Grand Ave.
- 7:45 a. m. Take street car for West Allis.
- 8:30 a. m. Arrive at works of ALLIS-CHALMERS MANUFACTURING Co.
- 12:00 noon. Take special car for SUBSTATION OF MILWAUKEE ELECTRIC RAILWAY AND LIGHT COMPANY.
- 12:50 p. m. Return to ALLIS-CHALMERS CLUB for lunch by invitation of the Company.

- 2:15 p. m. Take special car, north bound.
- 3:00 p. m. Arrive WESTINGHOUSE LAMP COMPANY.
- 5:00 p. m. Take cars down town.
- 8:00 p. m. Take Goodrich Line Steamer, Sycamore Street, for Chicago.

Wednesday, November 19

- 6:00 a. m. Arrive Chicago. (Send grips by express, lot shipment, to Champaign).
- 8:15 a. m. Take west bound Madison Street cars at State Street for Loomis Street.
- 8:30 a. m. Arrive at works of ROTH BROS. & COMPANY.
- 10:00 a. m. Take east bound cars on Adams street for Franklin Street.
- 10:15 a. m. Arrive at 235 West Jackson Boulevard, NATIONAL X-RAY REFLECTOR COMPANY show-rooms.
- 11:15 a. m. Lunch.
- 12:15 p. m. Leave Dearborn Street Station by Santa Fe Railroad for HYDRAULIC POWER STATION SWITCH
- 1:30 p. m. Walk to HYDRO ELECTRIC GENERATING STATION of the SANITARY DISTRICT.
- 3:10 p. m. Walk to Joliet car line.
- 4:00 p. m. Change at Joliet to special electric car for Matteson, Illinois.
- 5:50 p. m. Leave Matteson by Illinois Central Railroad, south bound.
- 8:45 p. m. Arrive Champaign.

MECHANICAL ENGINEERING

Monday, November 17

- 8:00 a. m. Assemble at the FORT DEARBORN HOTEL for general instructions.
- 8:15 a. m. Inspect the power plant of the CONWAY BUILDING, corner of Washington and Clark Streets.
- 12:00 noon. Leave the Northwestern Station for Racine, Wisconsin.
- 1:33 p. m. Arrive at Racine. Inspect the plant of the MITCHELL MOTORS COMPANY, manufactures of automobiles.
- 5:34 p. m. Leave Racine for Milwaukee, arriving there at 6:15 p. m. Proceed to the HOTEL MILLER.
- 8:00 p. m. Leave the hotel for the COMMERCE STREET STATION of the MILWAUKEE ELECTRIC RAILWAY AND LIGHT Co.

Tuesday, November 18

- 8:00 a. m. Leave the PUBLIC SERVICE BUILDING via street car for a visit to the plant of the NORDBERG MFG. COMPANY.
- 11:15 a. m. Leave the NORDBERG MFG. COMPANY.
- 1:00 p. m. Leave the HOTEL MILLER for a visit to the plant of the PAWLINGS AND HARNISCHFEGGER COMPANY.
- 3:30 p. m. Leave the PAWLINGS AND HARNISCHFEGGER COMPANY for the FALK COMPANY.
- 5:00 p. m. Leave the FALK COMPANY for down town.

Wednesday, November 19

- 8:00 a. m. Leave the PUBLIC SERVICE BUILDING to inspect the plant of the FEDERAL RUBBER COMPANY, located at Cudahy, Wisconsin.
- 11:15 a. m. Leave Northwestern Station at Cudahy for Chicago.
- 1:15 p. m. Arrive in Chicago.
- 2:00 p. m. Inspect the CORWITH PLANT of the CRANE COMPANY.
- 5:00 p. m. Return down town and disband.

MUNICIPAL AND SANITARY ENGINEERING

Monday, November 17

- 7:30 a. m. Assemble at the FORT DEARBORN HOTEL.
- 7:45 a. m. Take elevated train in Loop for Wilson Avenue.
- 8:15 a. m. Leave elevated station at Wilson Avenue and proceed to LAKEVIEW PUMPING STATION.
- 10:15 a. m. Take elevated train at Wilson Ave. for EVANSTON FILTRATION PLANT.
- 11:15 a. m. Arrive at EVANSTON FILTRATION PLANT.
- 1:19 p. m. Leave Central Street, Evanston on Chicago, North Shore and Milwaukee Electric Railroad for GREAT LAKES NAVAL TRAINING STATION.
- 1:57 p. m. Arrive at GREAT LAKES.
- 4:43 p. m. Leave GREAT LAKES for Waukegan.
- 5:00 p. m. Arrive Waukegan and proceed to pumping station.
- 8:59 p. m. Leave Waukegan on Northwestern Railway for Milwaukee.
- 10:15 p. m. Arrive at Milwaukee and proceed to the MILLER HOTEL.

Tuesday, November 18

- 8:00 a. m. Report at the City Hall at the office of the Chief Engineer Milwaukee Sewerage Commission to inspect EXPERIMENTAL SEWAGE TESTING STATION and sewer work under construction.
- 1:00 p. m. Report at the City Hall at the office of the City Engineer to inspect WATERWORKS PUMPING STATION and GARBAGE REDUCTION PLANT.
- 6:00 p. m. Take Northwestern Railroad train to Chicago.

Wednesday, November 19

- 8:00 a. m. Take Illinois Central Suburban Express at Van Buren St., for 115th Street and South Park Avenue.
- 8:45 a. m. Arrive at 115th Street and South Park Avenue.
- 10:45 a. m. Leave 115th St. and South Park Ave. on I. C. suburban for 63rd Street, Woodlawn Station and take car for CHICAGO MUNICIPAL SHOPS.
- 12:30 p. m. Arrive at CHICAGO MUNICIPAL SHOPS.
- 3:00 p. m. Arrive at CHICAGO REDUCTION PLANT.
- 4:00 p. m. Arrive at FILTRATION PLANT, CHICAGO UNION STOCK YARDS.
- 5:30 p. m. Arrive at 39TH STREET SEWAGE PUMPING STATION.

RAILWAY ENGINEERING

Monday, November 17

- 5:20 a. m. Leave Champaign by the Illinois Central Railroad.
- 8:45 a. m. Arrive Chicago. Walk west on Roosevelt Avenue(12th Street). Take north bound train, transfer at Adams Street to Logan Square train and change at California Avenue to north bound surface car.
- 9:30 a. m. Arrive at NORTHWEST GENERATING STATION of the COMMONWEALTH EDISON Co
- 11:30 a. m. Return to Loop for lunch.
- 1:00 p. m. Leave Elevated Station, Adams Street and Wabash Avenue, for Highwood over the Chicago cago, North Shore and Milwaukee Railroad.
- 2:11 p. m. Arrive at Highwood. Inspect the SHOPS of the CHICAGO, NORTH SHORE AND MILWAUKEE RAILROAD.
- 3:41 p. m. Leave Highwood for Lake Bluff over the Chicago, North Shore and Milwaukee Railroad.
- 3:53 p. m. Arrive at Lake Bluff. Inspect the AUTOMATIC SUBSTATION of the CHICAGO, NORTH SHORE AND MILWAUKEE RAILROAD.
- 4:53 p. m. Leave Lake Bluff for Milwaukee over the Chicago, North Shore and Milwaukee Railroad.
- 6:15 p. m. Arrive at Milwaukee and proceed to HOTEL MILLER.
- 8:00 p. m. Leave Hotel for the COMMERCE STREET STATION of the MILWAUKEE ELECTRIC RAILWAY AND LIGHT COMPANY.

Tuesday, November 18

- 7:45 a. m. Take street car for West Allis.
- 6:30 a. m. Arrive at works of the ALLIS-CHALMERS MANUFACTURING COMPANY.
- 12:00 noon Take special car for the SUBSTATION of the MILWAUKEE ELECTRIC RAILWAY AND LIGHT COMPANY.
- 2:30 p. m. Inspect plant of NATIONAL BRAKE AND ELECTRIC COMPANY.
- 5:00 p. m. Leave works for HOTEL MILLER.
- 8:00 p. m. Take Goodrich Line Steamer, Sycamore Street, for Chicago.

Wednesday, November 19

- 6:00 a. m. Arrive Chicago. (Send grips by express, lot shipment, to Champaign).
- 8:00 a. m. Take Oak Park Elevated Line at La Salle Street Station for Crawford Avenue. Inspect the CHICAGO AND NORTHWESTERN SHOPS at West 40th Street.
- 11:45 a. m. Lunch.
- 12:15 p. m. Leave Dearborn Street Station by Santa Fe Train for HYDRAULIC POWER STATION SWITCH.
- 3:10 p. m. Walk to Joliet car line.
- 4:00 p. m. Change at Joliet to special electric car for Matteson, Illinois.
- 5:50 p. m. Leave Matteson by Illinois Central Railroad, south bound.
- 8:45 p. m. Arrive Champaign.

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